

CLAIMS

I Claim:

1. A method of generating a fog with a tanning solution, comprising:
applying a predetermined pressure to the tanning solution; and
passing the tanning solution through a nozzle such that as the solution
leaves the nozzle a fog is generated.
2. The method of Claim 1 wherein the nozzle has a preselected orifice size.
3. The method of Claim 1 further comprising the act of holding the fog in a
fog chamber for a predetermined time.
4. The method of Claim 1 further comprising the act of evacuating the fog
from the fog chamber.
5. The method of Claim 1 wherein the tanning solution is a combination of a
first tanning solution and a second tanning solution.
6. The method of Claim 1 wherein the tanning solution is a combination of a
tanning solution and a moisturizer.
7. The method of Claim 1 further comprising the act of selecting a
combination of at least one tanning solution and at least one moisturizing
solution.
8. The method of Claim 1 further comprising the act of receiving a
predetermined program which varies the density of the fog over time.
9. The method of Claim 1 wherein the predetermined density is user selected.
10. The method of Claim 1 wherein the tanning solution is user selected.

Sub 11. A tanning system that generates a fog with a tanning solution, comprising:
a fog chamber;
a pump system in fluid communication with the fog chamber; and
a control system coupled to the pump system.

Sub 12. The system of Claim 11 further comprising a computer coupled to the
34 control system.

13. The system of Claim 11 wherein the control system comprises an
electrical subsystem and a mechanical control subsystem.

14. The system of Claim 11 further comprising a first tanning solution
container coupled to the pump system.

15. The system of Claim 11 further comprising a moisturizer solution
container coupled to the pump system.

Sub 16. The system of Claim 11 wherein the pump system comprises:
35 a pump coupled to a tanning solution container; and
a valve coupled between the control system and the fog chamber.

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17. A fog chamber which supports the generation of a fog within a tanning system, the fog chamber comprising:
an outer shell;
a fluid frame disposed within the outer shell; and
at least one nozzle in fluid communication with the fluid frame, the nozzle is capable of turning a fluid into a fog by passing the fluid through an orifice at a predetermined pressure.

18. The fog chamber of Claim 17 wherein the nozzle has a propeller disk disposed therein.

19. The fog chamber of Claim 17 further comprising a user control panel disposed within the outer shell.

20. The fog chamber of Claim 17 further comprising a fan coupled to the outer shell via a hood, the fan for continuously venting the chamber during fog chamber operation.